

**STAMPED ACTUATOR ARM HAVING LONGITUDINALLY SPACED-APART
STAMPED PROTRUSIONS FOR SUPPORTING A TRACE SUSPENSION FLEX**

ABSTRACT

[00024] A head stack assembly for a disk drive includes a stamped actuator arm, a coil portion attached to the stamped actuator arm, a head gimbal assembly attached to the stamped actuator arm, the head gimbal assembly including a trace suspension flex having a metal base layer and a plurality of conductors supported by the metal base layer. The stamped actuator arm includes a bore defining a pivot axis, an actuator arm side surface extending longitudinally along the stamped actuator arm, and a plurality of longitudinally spaced-apart stamped protrusions for supporting the trace suspension flex, each stamped protrusion extending from the actuator arm side surface in a direction generally perpendicular to the pivot axis, the plurality of stamped protrusions being an integer in a range between 2 to 3.